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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/944,099	09/04/2001	Suk Won Choi	054358-5005	1756
9629 7590	06/02/2004		EXAMINER	
MORGAN LEWIS & BOCKIUS I 1111 PENNSYLVANIA AVENUE N			DUONG, TAI V	
WASHINGTON, D			ART UNIT	PAPER NUMBER
			2871	
			DATE MAILED: 06/02/2004	*

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)	.00.			
	Office Andre O	09/944,099	CHOI ET AL.	a .			
	Office Action Summary	Examiner	Art Unit .				
		Tai Duong	2871	AN			
	The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	rresp ndence addre	ss			
**	A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).						
	Status	+					
	1) Responsive to communication(s) filed on 19 Ma	arch 2004.					
		action is non-final.					
	3) Since this application is in condition for allowan		secution as to the m	erite ie			
	closed in accordance with the practice under Ex						
		, , , , , , , , , , , , , , , , , , , ,					
	Disposition of Claims						
	4) Claim(s) 1, 4 and 5 is/are pending in the applica 4a) Of the above claim(s) is/are withdraw 5) Claim(s) is/are allowed. 6) Claim(s) is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) 1,4 and 5 are subject to restriction and	n from consideration					
	Application Papers			-			
Ī	9) The specification is objected to by the Examiner.						
i	10)☐ The drawing(s) filed on is/are: a)☐ accepted or b)☐ objected to by the Examiner.						
4	Applicant may not request that any objection to the di						
	Replacement drawing sheet(s) including the correction			.121(d)			
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.							
1				. +			
	Priority under 35 U.S.C. § 119						
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).							
a)⊠ All b)□ Some * c)□ None of:							
	1. Certified copies of the priority documents						
2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage							
						application from the International Bureau (PCT Rule 17.2(a)).	
ľ	* See the attached detailed Office action for a list of	the certified copies not received	1.				
				x			
	Attachment(s)						
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date.							
	 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date 		te tent Application (PTO-152	()			
	S. Patent and Trademark Office TOL-326 (Rev. 1-04) Office Action	on Summary Part	t of Paper No./Mail Date 20	0040531			

Application/Control Number: 09/944,099

Art Unit: 2871

Election/Restrictions

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 03/19/04 has been entered.

This application contains claims directed to the following patentably distinct species of the claimed invention:

A: claim 1 drawn to a LCD wherein the smectic LC has spontaneous polarization in a range of 2 nC/cm² to 10 nC/cm² and a unit storage capacitance is in a range of 1 nF/cm² to 4.5 nF/cm².

B: claim 4 drawn to a LCD wherein the smectic LC has spontaneous polarization in a range of 70 nC/cm² to 100 nC/cm² and a unit storage capacitance is in a range of 5 nF/cm² to 13 nF/cm².

C: claim 5 drawn to a LCD wherein the smectic LC has spontaneous polarization in a range of 10 nC/cm² to 70 nC/cm² and a unit storage capacitance is in a range of 4 nF/cm² to 7 nF/cm².

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Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, none of the claims is generic.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

Any inquiry concerning this communication should be directed to Tai Duong at telephone number (571) 272-2291.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

TD

TVD

05/04

TOANTON PRIMARY EXAMINER